

Energy Advisory Committee Meeting

September 11, 2002

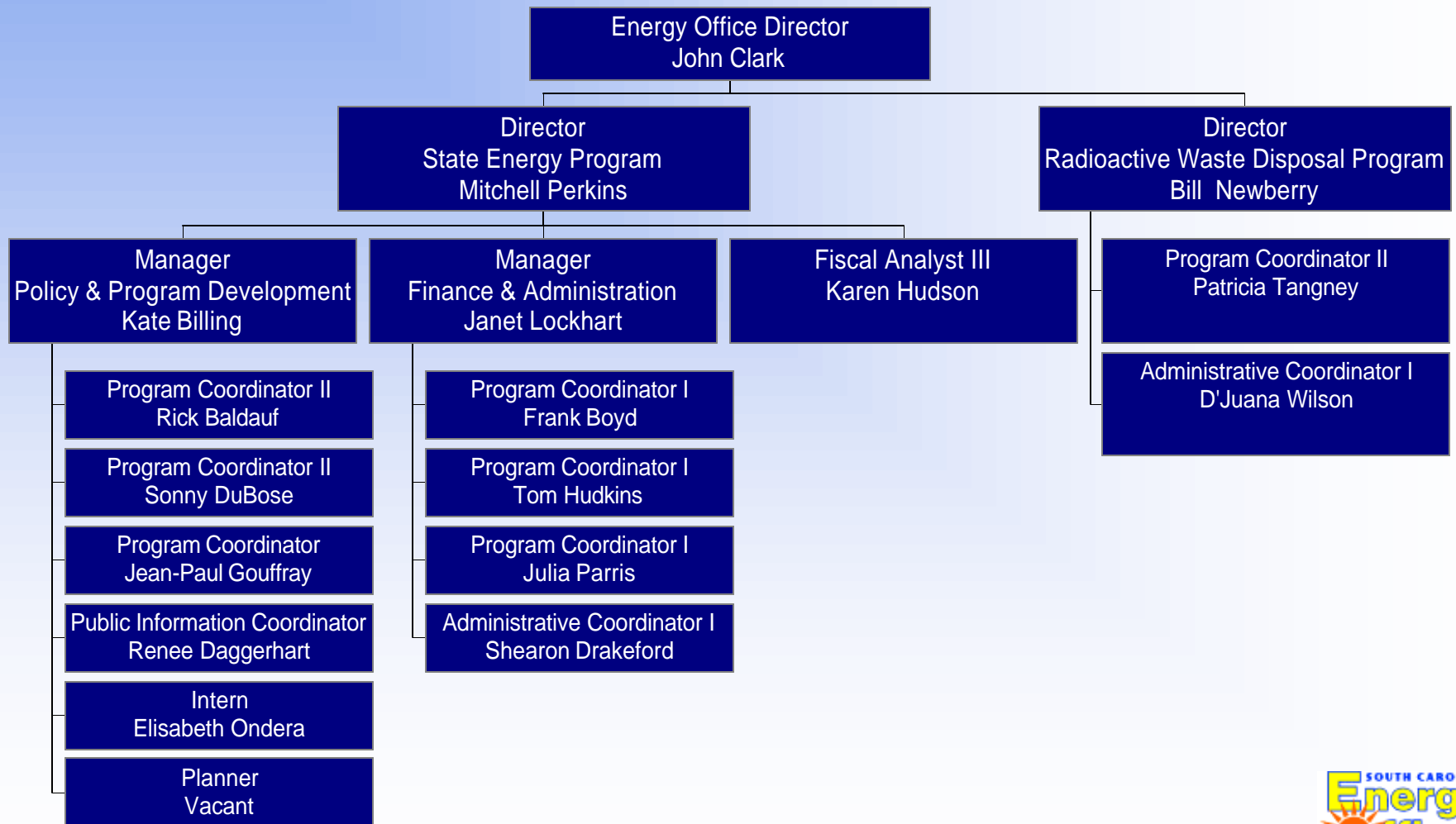
History of the SCEO

- ✱ 1973-83 - Governor's Office
- ✱ 1983-85 - Clemson University
- ✱ 1985-87 - Santee Cooper
- ✱ 1987-94 - Governor's Office
- ✱ 1994-present - State Budget and Control Board

South Carolina Energy Conservation and
Efficiency Act of 1992



SCEO Organization Chart



Loan Program Objectives for 2002-2003

- ✱ Develop a financing plan for state agencies by December 2002
 - ★ Invest \$5 million in energy efficiency improvements at state facilities by December 2003
 - ★ Assist state agencies to immediately reduce energy costs

Loan Program

Objectives for 2002-2003

- ✱ Continue issuing ConserFund loans to schools and other public agencies
 - ★ Issue additional \$2 million in loans by July 2003
- ✱ Assess financing options for energy efficiency in the private sector
 - ★ Consider both public and private partnerships
 - ★ Develop a proposal by June 2003

Summary of Loans Issued

ConserFund (Public Sector)

- ✱ 6 loans issued
- ✱ \$1,564,136
- ✱ Projected annual energy savings: \$234,299
- ✱ 2 loans pending - \$467,175

EnerFund (Private Sector)

- ✱ 2 recycling market development loans issued
- ✱ \$1,000,000
- ✱ Projected annual volume of materials recycled: 25,000 tons of fiber glass and 13,928 tons of metal

State Energy Program 2002 Special Projects

South Carolina Energy Office

Special Project Awards

SC Million Solar Roofs Initiative

Funding \$49,575

Clemson Biomass-Farm Assessment

Funding \$91,308

University of SC Green Dorm Fuel Cell

Funding \$99,755

Rebuild South Carolina III

Funding \$125,000

Cooperative Agreements

Total Funding of \$65,000

- ✱ Community energy initiatives
- ✱ Weatherization training program
- ✱ Metrics initiative evaluation of Industries of the Future projects

Energy Information & Awareness Program

of The South Carolina
Energy Office



Energy Information & Awareness program consists of:

- ✱ Judging science fair projects on the regional level
- ✱ Home Shows
- ✱ Presentations to groups
- ✱ *Energy Connection* newsletter
- ✱ Energy Awareness month
- ✱ Website
- ✱ Community, school, group events

Energy 2 Learn – E2L

The K-12 energy education program of
the
South Carolina Energy Office



E2L Consists of:

- ✱ Action for a Cleaner Tomorrow curriculum supplement
- ✱ Palmetto Energy Awards Program – PEAP
- ✱ National Energy Education Development Project – NEED

E2L Consists of:

- ✱ E2L Annual Teacher's Workshop
- ✱ Earth Camp
- ✱ *Energy Factbook*
- ✱ *Science Fair Project Guidebook*
- ✱ Public Service Announcements

Action for a Cleaner Tomorrow



- ✱ 170 interdisciplinary lessons on energy, air, water, recycling, and solid waste
- ✱ Free training offered
- ✱ 15,000 teachers trained

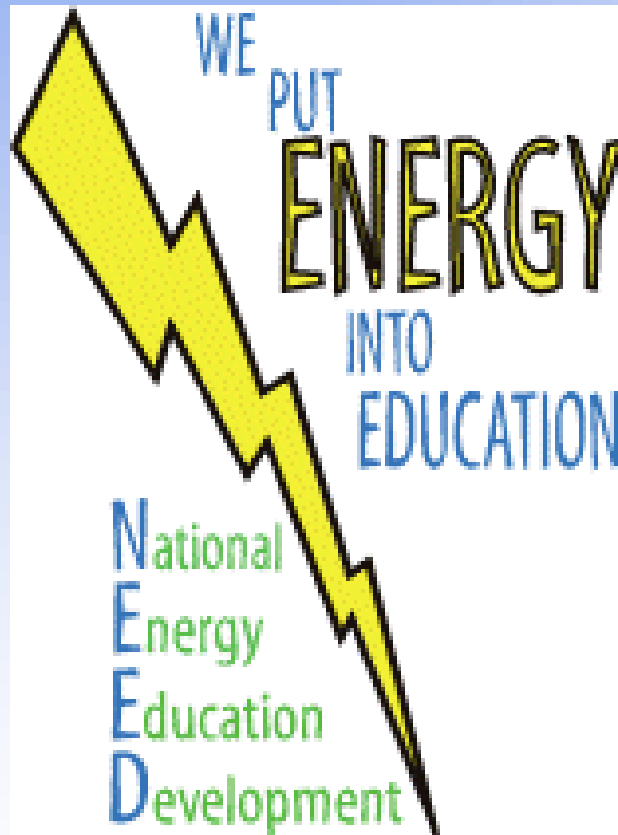
Best Energy Education
Promotional Tool,
U.S. Dept. of Energy,
2002

Palmetto Energy Awards Program - PEAP



- ✱ Designed for elementary and middle school students
- ✱ Prizes awarded

National Energy Education Development Project - NEED



- ✱ Offered to any SC educator who attends free training
- ✱ Activities are documented by a scrapbook
- ✱ Students with best projects and scrapbook are invited to attend the Youth Awards in Washington, DC.

E2L Annual Teacher's Workshop

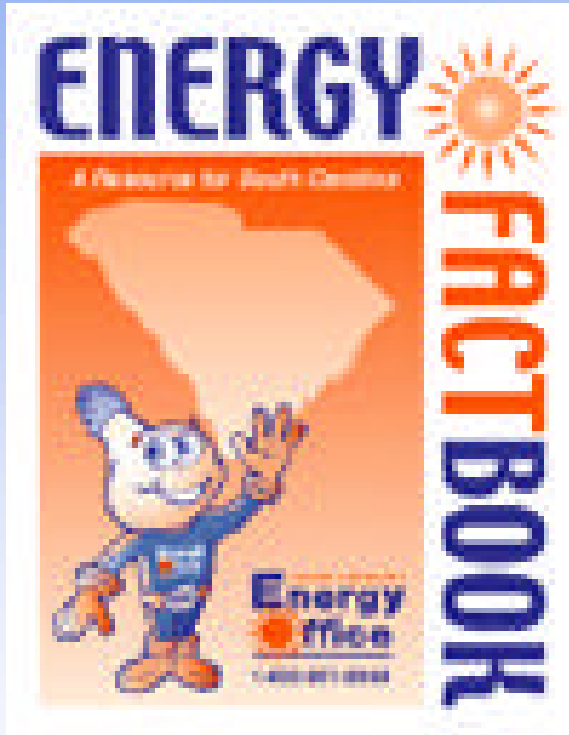
- ✱ Averages attendance of 150 teachers
- ✱ Training in Action and NEED, as well as other offerings from DHEC's Recycling Office.
- ✱ Information package given to registrants was recognized as the Best Energy Education Promotion in the integrated package category by the U.S. Department of Energy, 2002

Earth Camp



- ✱ Environmental camp for rising 5th and 6th grade students
- ✱ 45 kids attended camp this July

Energy Factbook



- ✱ Named one of the Ten Most Notable Publications by the South Carolina State Library
- ✱ Currently being updated to include information on the low-level waste issues our state is facing

Science Fair Project Guidebook



- ✱ Assists students in how to do a science fair project on energy
- ✱ Currently issuing our second edition

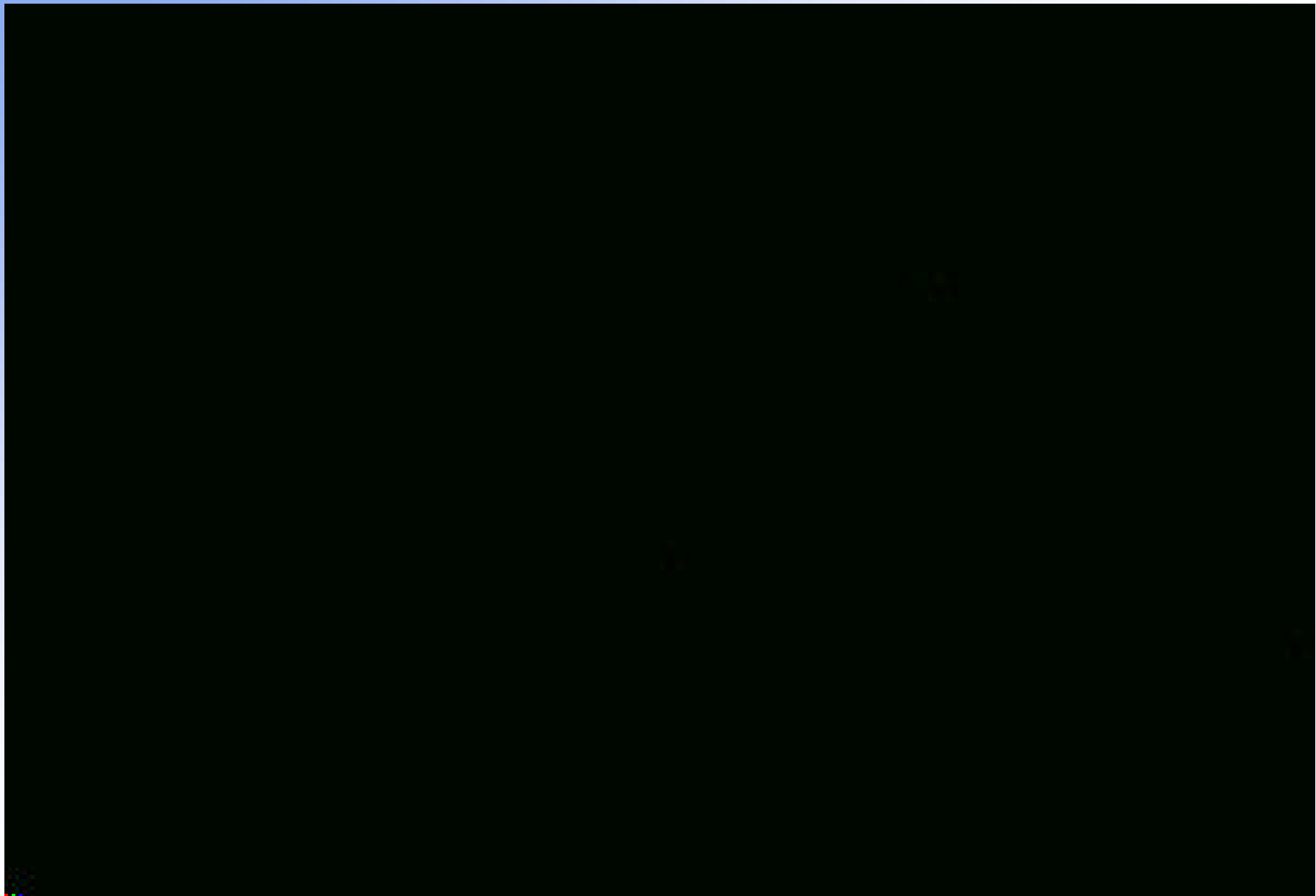
Public Service Announcements

PSA 2000

- ✱ Touts the importance of general energy conservation.
- ✱ Won highest honors at the 2000 BEEP Awards by the U.S. Department of Energy

PSA 2002

- ✱ Promote energy conservation in the home
- ✱ Second Place honors at the 2002 BEEP Awards.



Questions?

